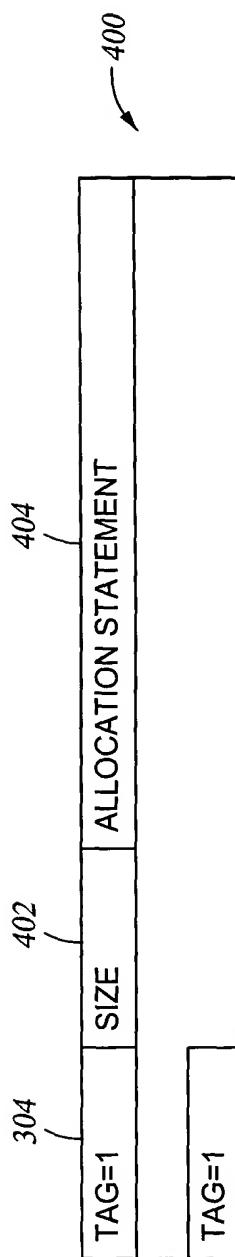
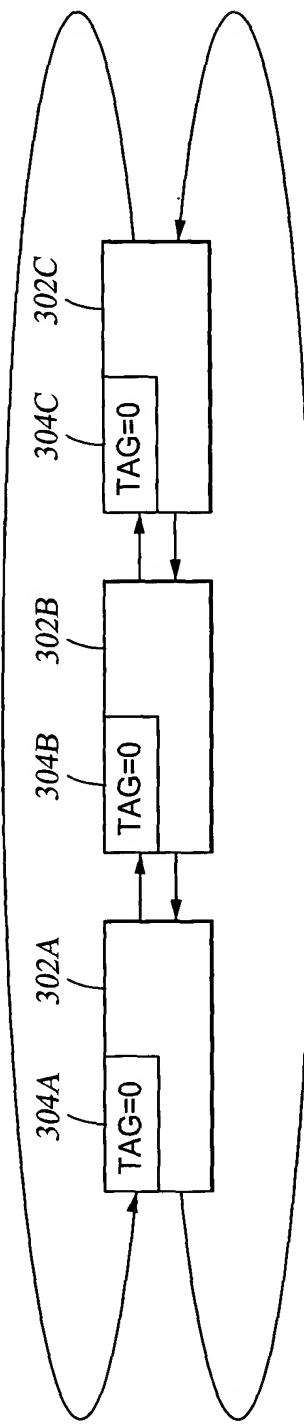


Fig. 2

Fig. 3

Fig. 4



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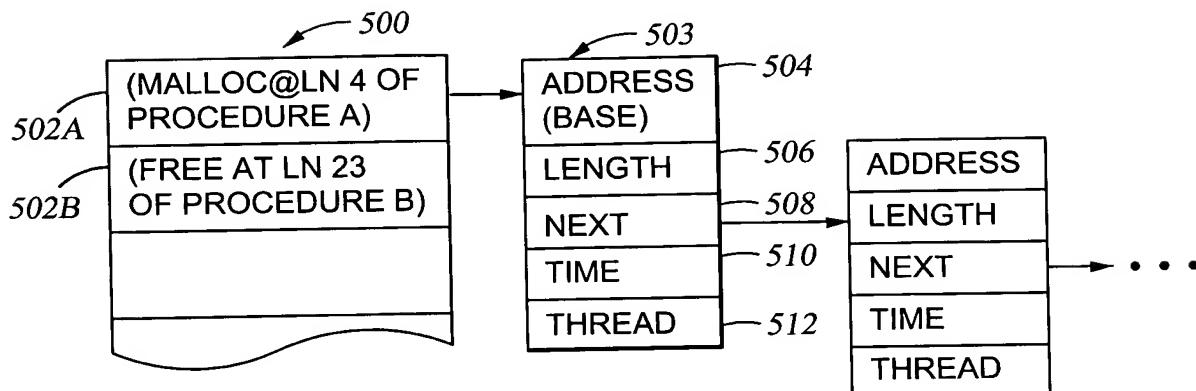


Fig. 5

```

001 # INCLUDE <STDLIB.H>
002 CHAR * COPY ( CHAR * P )
003 {
004     CHAR *PTR;
005
006     PTR = MALLOC ( STRLEN ( P ) + 1 ) ;
007
008     STRCPY ( PTR, P );
009
>>010     RETURN PTR;
011 }
```

Fig. 6

==>ALLOCHIST PTR		708	710	PROC/LINE	704
706	>ALLOCHIST PTR				
PROC/LINE		LENGTH			
COPY/006		4		F002/026	
COPY/006		30		F002/026	
PRINTF/987		128		PRINTF/1005	
FOO1/5		48			

Fig. 7

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ALLOCATOR STATEMENT	LIMIT	COUNT
	0	
	0	
	40K	40K
	10K	11K

800

Fig. 8

900

```

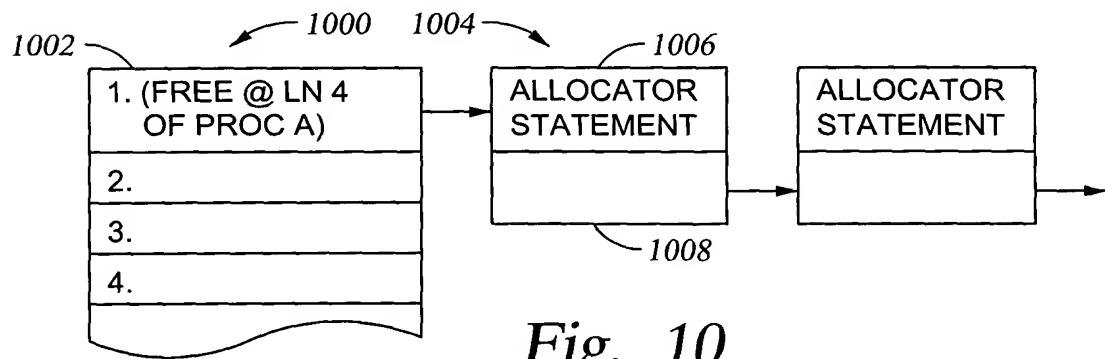
==> UPSTGIMT 6 4000

001 # INCLUDE <STDLIB.H>
002 CHAR * COPY (CHAR *P)
003 {
004     CHAR * PTR;
005
>>006 PTR = MALLOC (STRLEN (P) + 1);
007
008     STRCPY (PTR,P);
009
010     RETURN PTR;
011 }
```

==>  
 UPPER STORAGE LIMIT OF 4000 EXCEEDED AT LINE 006

904

Fig. 9



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Fig. 11

FREE STATEMENT	ALLOCATOR STATEMENT
3303	425
3303	8001

Fig. 12

==> PARTNERS 6  
> PARTNERS 6  
FREED AT  
PROC/LINE  
-----  
FOO1/20  
FOO2/40

1300 ↗

1302 } 1302

Fig. 13

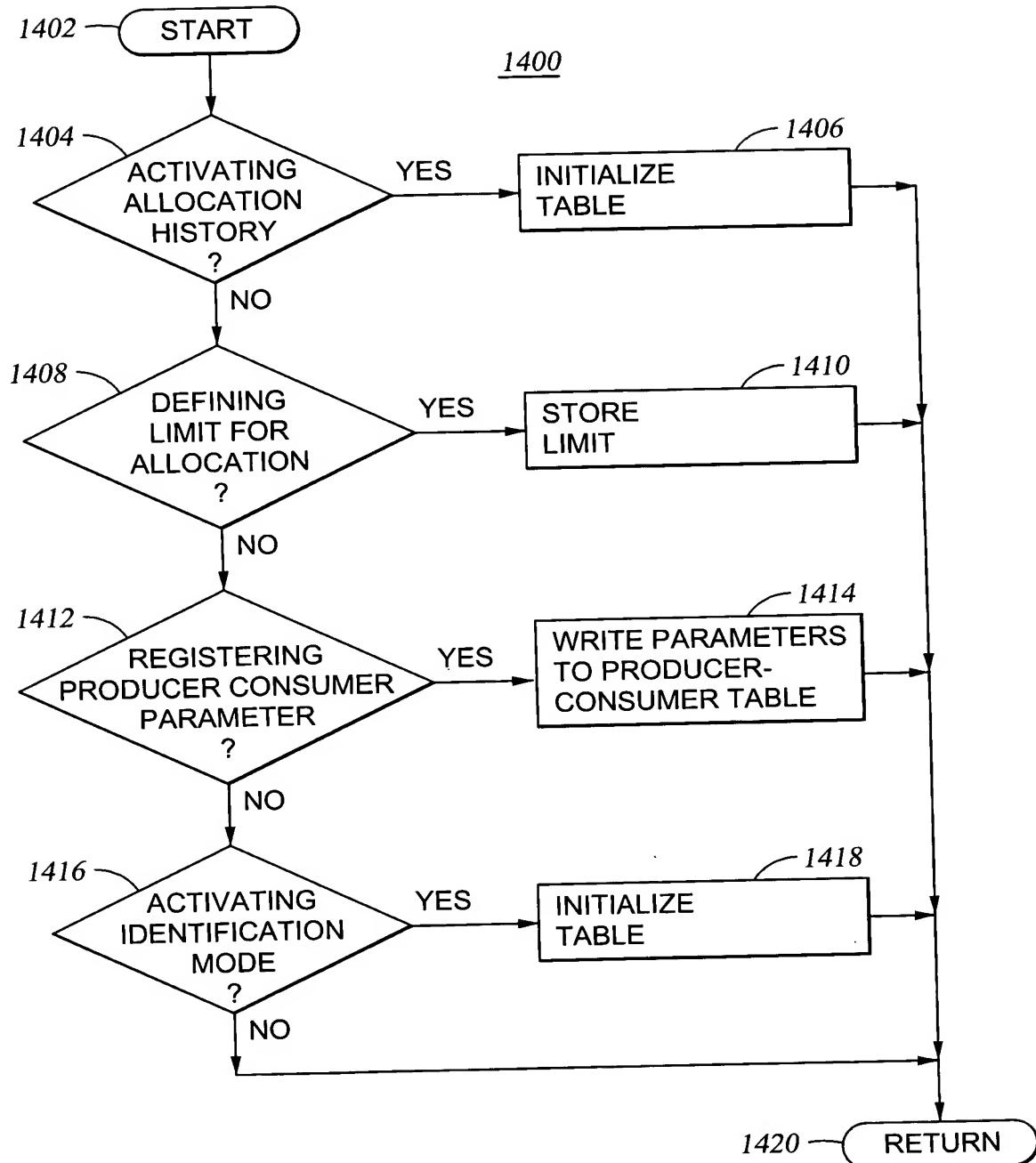


Fig. 14

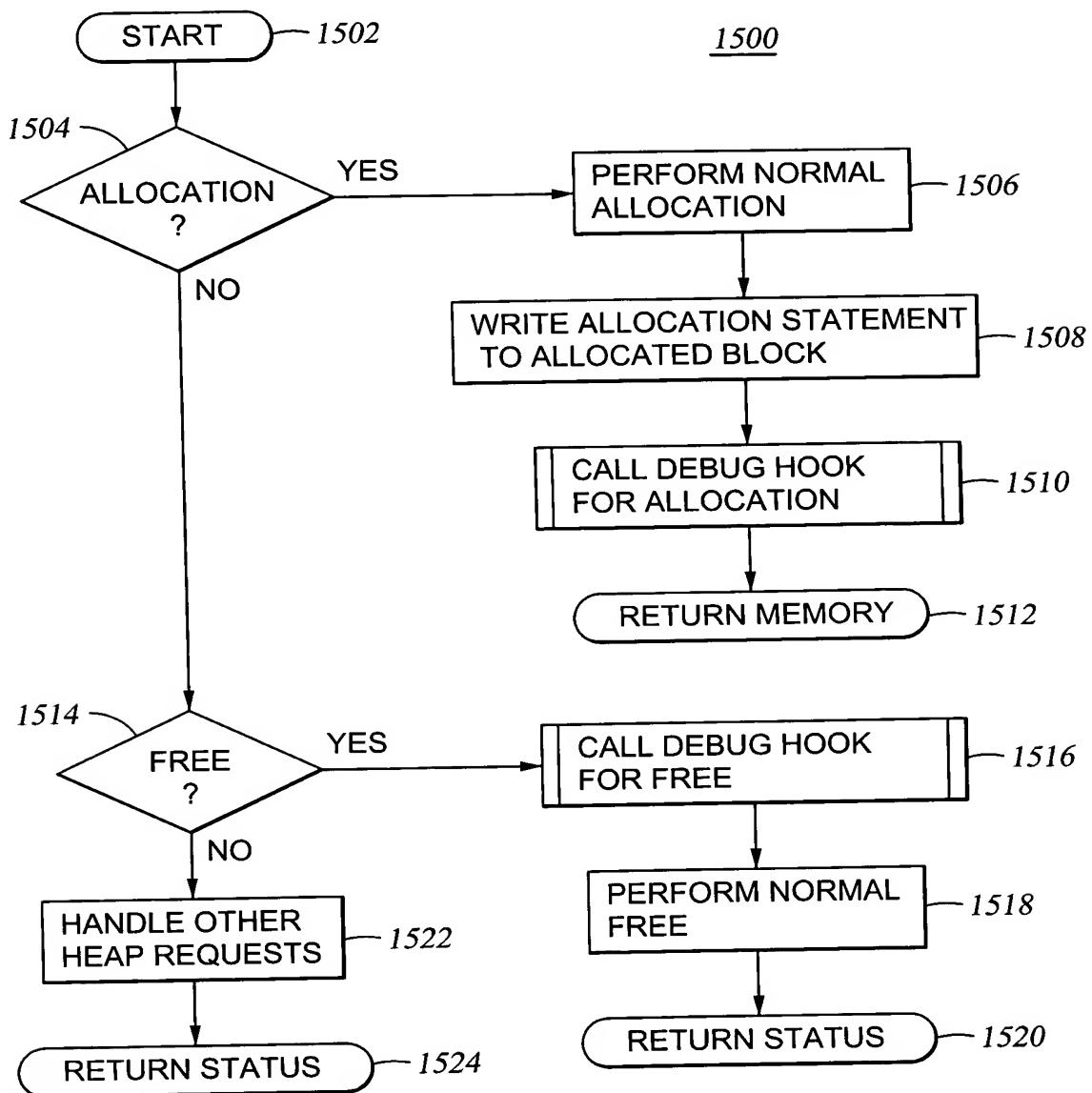
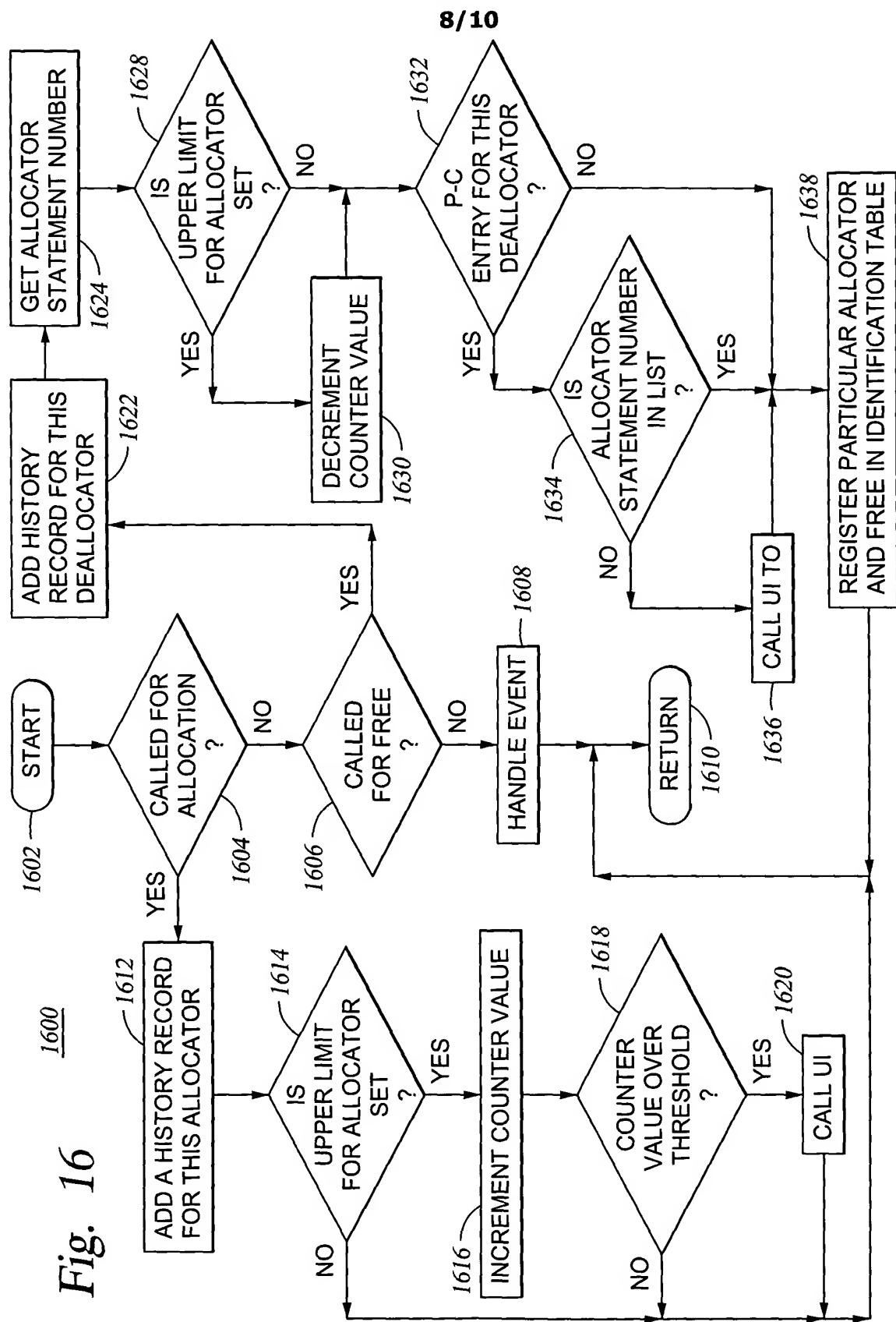


Fig. 15



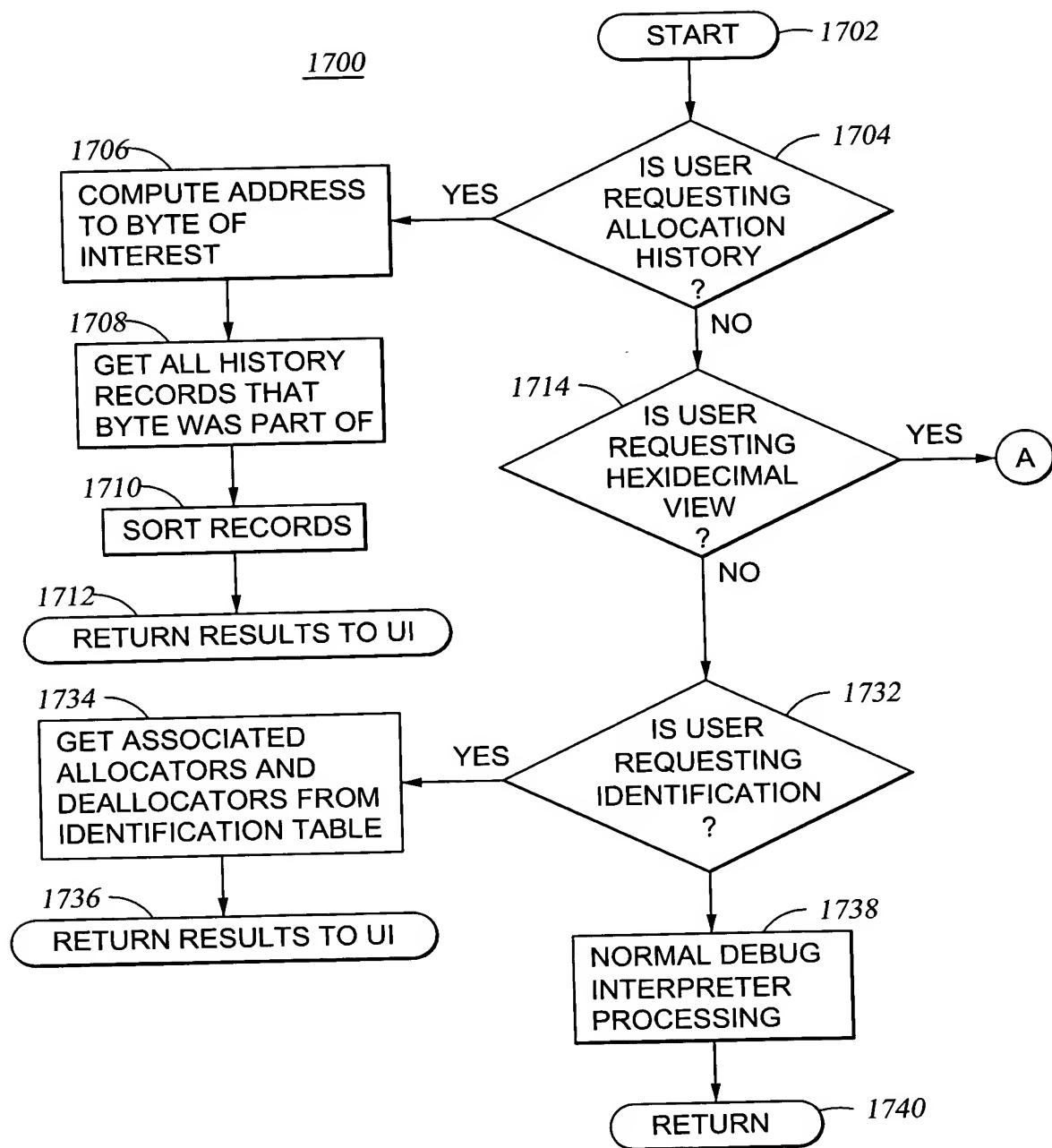
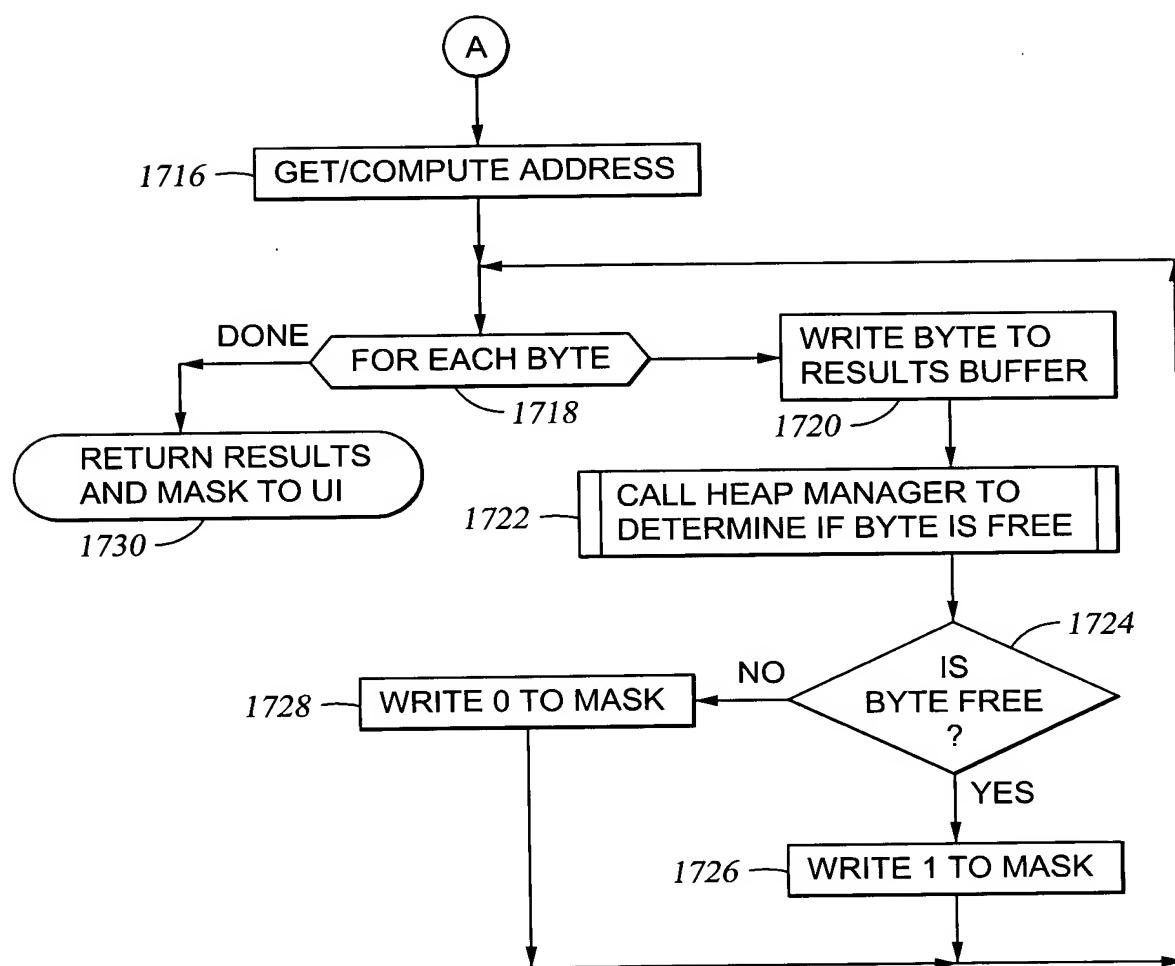


Fig. 17A



*Fig. 17B*